



Site Visit Report

for

**Ishan River, District Kannauj, Uttar
Pradesh**

Date of visit– 14.01.2026 to 17.01.2026

1. Background

A proposal has been received from SMCG, Uttar Pradesh, regarding rejuvenation works of River Ishan in Kannauj district, with an estimated cost of ₹138.37 lakh. The proposal primarily envisages desilting/excavation of the river channel at selected locations within Kannauj district. In this regard, a site visit was conducted, and relevant documents & proposal were examined.

This site visit report has been prepared in reference to the proposal submitted by the Irrigation Division, Kannauj for restoration/rejuvenation of the Ishan River at selected locations within Kannauj district, and the correspondence received from State Mission for Clean Ganga (SMCG), Uttar Pradesh. The visit was undertaken to assess existing river conditions, verify proposal components on site, and examine their conformity with the mandate of the National Mission for Clean Ganga (NMCG).

2. Site Visit Details

- Date of Visit: 16.01.2026
- Locations Covered: Multiple reaches of Ishan River in Kannauj district, including road/bridge crossings and rural stretches.

3. River Length and District-wise Stretch of Ishan River

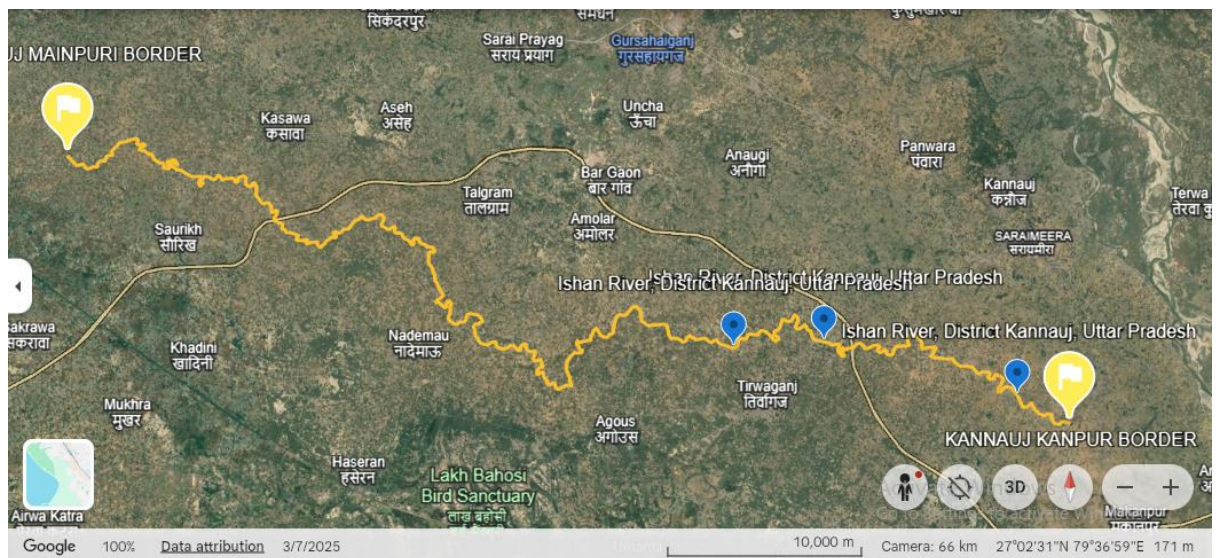
- As per the department, the total length of the Ishan River is approximately 317.30 km, traversing multiple districts of Uttar Pradesh. The indicative district-wise distribution is as follows:

S. No.	District	Approx. River Length (km)
1	Etah	~57.00
2	Firozabad	~16.40
3	Mainpuri	~112.00
4	Kannauj	~87.50
5	Kanpur Dehat	~26.00
—	Total	~317.30

रामगंगा संगठन, सिंचाई एवं जल संसाधन विभाग, उत्तर प्रदेश, कानपुर

नदी का विवरण

क्र.सं.	नदी का नाम	नदी की कुल लम्बाई	नदी का उद्गम स्थल (जलपथ)	जलपथ में नदी की लम्बाई (किमी) में										संगठन में कुल लम्बाई	नदी का मुहाना (जलपथ)	नदी का अधिकारी		
				कासगंज	एटा	फिरोजाबाद	मैनपुरी	फर्रुखाबाद	कन्नौज	इटावा	औरंगाबाद	कानपुर देहात	कानपुर नगर				फतेहपुर	कौशांबी
1	गंगा	2525.000	देवप्रयाग-उत्तरकाशी	77.410	-	-	-	80.000	50.000	-	-	-	114.000	109.000	50.000	513.410	मुर्शिदाबाद पश्चिम बंगाल	
2	रामगंगा	587.420	दूधरतोली-बनौली	-	-	-	-	35.000	-	-	-	-	-	-	-	35.000	गंगा (कन्नौज)	
3	पौंड्र	285.56	हमिर (कन्नौज)	-	-	-	-	-	-	-	-	-	71.000	180.000	24.650	285.650	गंगा (फतेहपुर)	कानपुर प्रखंड
4	नून	51.000	मधुपुर (कन्नौज)	-	-	-	-	-	-	-	-	-	-	51.000	-	51.000	गंगा (बिंदर कानपुर)	कानपुर प्रखंड
5	ईरान	317.300	होथी (एटा)	-	57.000	16.400	112.000	-	87.50	-	-	-	-	26.000	-	211.400	गंगा (बिंदर कानपुर)	कानपुर प्रखंड
6	बाँक नदी	70.000	नयाबाग ताल, एटा	-	52.000	-	18.000	-	-	-	-	-	-	-	-	70.000	इरान (मैनपुरी)	सिंचाई खंड एटा
7	काली नदी पूर्वी	550.000	मुजफ्फरनगर	79.000	35.000	-	122.500	50.300	55.000	-	-	-	-	-	-	341.800	गंगा (कन्नौज)	कानपुर प्रखंड
8	यमुना	1376.000	बनारस ट्रेडी गढ़वाल	-	-	-	-	-	-	128.000	74.000	80.000	50.000	160.000	91.000	609.500	गंगा (उपगंगा)	SE IWC Kanpur
9	दक्षिणी नोन	37.50	कानपुर देहात	-	-	-	-	-	-	-	-	32.500	5.000	-	-	37.500	यमुना (कानपुर नगर)	सिंचाई खंड कानपुर देहात
10	चम्बल	1076.720	मध्य प्रदेश में जनाबाव पहाड़ी से (मरु)	-	-	-	-	-	-	-	79.000	-	-	-	-	79.000	यमुना (मोह इटावा)	
11	अरुणा	60.000	कन्नौज तालाब इटावा	-	-	-	-	-	-	-	60.000	-	-	-	-	60.000	अरुणा (औरंगाबाद)	इटावा प्रखंड
12	Sindh	470.000	मालवा प्लेटो (बिंदर)	-	-	-	-	-	-	-	9.000	-	-	-	-	9.000	यमुना इटावा	
13	पुडा	48.000	बीना तालाब इटावा	-	-	-	-	-	-	-	48.000	-	-	-	-	48.000	अरुणा (औरंगाबाद)	
14	गिरसा	-	गोरखपुर खजुरी गाँव (हथिया)	-	-	99.000	122.500	-	-	-	54.000	-	-	-	-	275.500	सौर (इटावा)	
15	अरुणा (हिंद)	495.000	अकालाबाद के सुहावनी तालाब (अलीगढ़)	-	35.600	49.500	135.000	-	36.000	-	0.000	153.000	74.200	4.900	-	488.200	पान्डु (फतेहपुर)	सिंचाई खंड कानपुर देहात
16	सौर	340.000	अधवन झील (अलीगढ़)	-	-	3.000	43.000	-	-	90.000	82.500	111.000	-	-	-	329.500	यमुना नदी (उपगंगा कानपुर देहात)	
17	सप्त खेरी-1	192.000	बनारसपुर झील (फतेहपुर)	-	-	-	-	-	-	-	-	-	-	77.000	100.000	177.000	यमुना (उपगंगा)	सिंचाई खंड कौशांबी
18	किल्लन	55.000	कौशांबी	-	-	-	-	-	-	-	-	-	-	-	55.000	55.000	यमुना (कौशांबी)	
19	सप्त खेरी-2	40.000	फतेहपुर	-	-	-	-	-	-	-	-	-	-	40.000	-	40.000	यमुना (फतेहपुर)	फतेहपुर प्रखंड, फतेहपुर
20	नून	30.000	यमुना नदी (कानपुर देहात)	-	-	-	-	-	-	-	-	-	-	23.000	23.000	23.000	माधपुर पोखरा (फतेहपुर)	



4. Existing Site Conditions (Observations)

Based on field inspection, the following conditions were observed:

- The river is presently carrying low and stagnant flow in most reaches.
- Significant deposition of silt is visible within the riverbed, particularly near bridges and in straight reaches.
- Encroachments and narrowing of the active channel are evident at several locations.

- Banks show signs of erosion and instability in patches, while some stretches are overgrown with weeds.
- No major point-source pollution discharge was observed during the visit; however, non-point runoff and sediment deposition are dominant issues.

5. Proposal Assessment:

The submitted proposal primarily includes:

- Desilting/excavation of the riverbed.
- Removal of deposited material to restore carrying capacity.

It is observed that:

- Desilting and routine excavation works are not covered under the core mandate of NMCG, except when they are integral to pollution abatement, ecological restoration, or demonstrable water quality improvement.
- The proposal is largely limited to one district (Kannauj), whereas NMCG guidelines emphasize a basin/sub-basin or entire river-stretch approach to ensure holistic and sustainable river rejuvenation.
- The proposed activities do not sufficiently address ecological restoration, environmental flow augmentation, pollution source interception, or long-term river health outcomes as envisaged under NMCG.

6. Key Issues Identified

- Fragmented planning confined to a single district.
- Predominant focus on desilting/excavation without integrated river rejuvenation measures.
- Absence of a catchment-to-confluence strategy covering upstream and downstream impacts.

7. Conclusions

- While the Ishan River restoration is an important and priority issue, the current proposal does not fully align with NMCG objectives due to its emphasis on desilting and its district-limited scope.
- River rejuvenation under NMCG requires a holistic, stretch-based approach, integrating hydrology, ecology, pollution control, and sustainability measures across the entire river length.

8. Recommendations

1. Recast the proposal to cover the entire Ishan River stretch rather than limiting it to Kannauj district alone.
2. Shift focus from stand-alone desilting to integrated interventions, such as:
 - Catchment treatment and erosion control
 - Environmental flow restoration
 - In-situ treatment of non-point pollution

- Riparian buffer development and biodiversity measures
- 3. Clearly demonstrate water quality and ecological benefits in line with NMCG guidelines.
- 4. Consider convergence with State/other schemes for routine desilting, while positioning NMCG support for river health–centric components only.

9. Site visit photographs:



Figure 1: Ishan River: Siltation in Channel

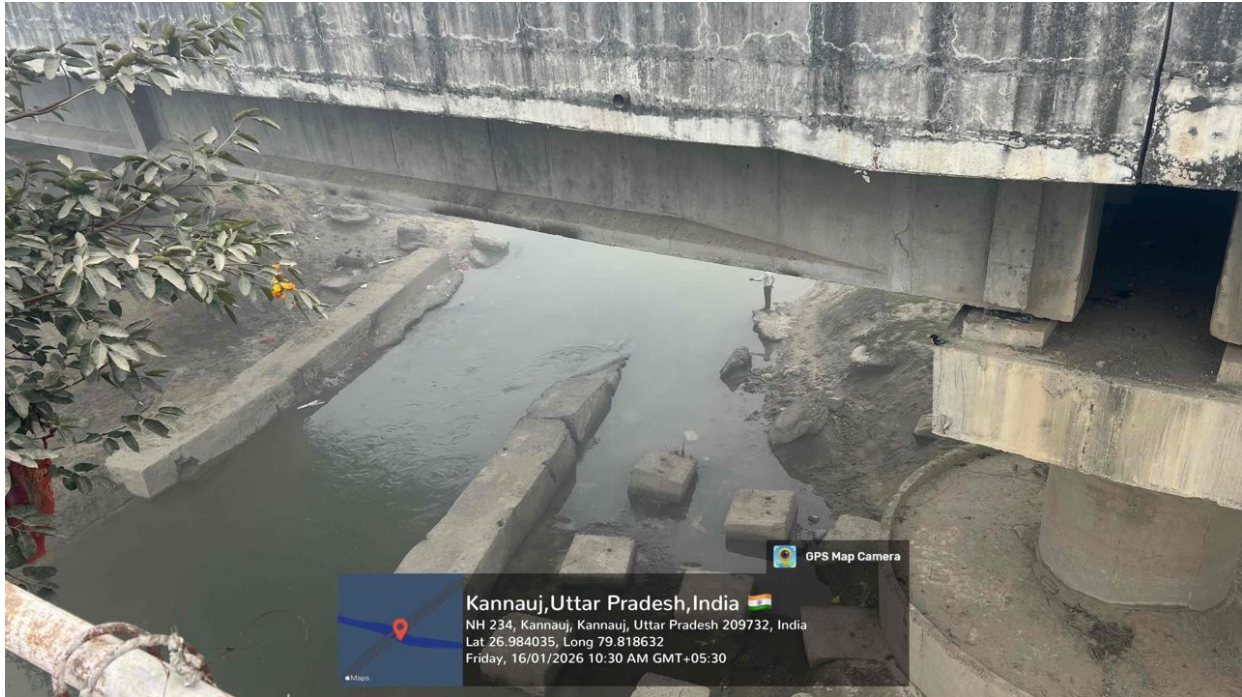


Figure 2: Ishan River: Solid Waste Dumping in River Channel

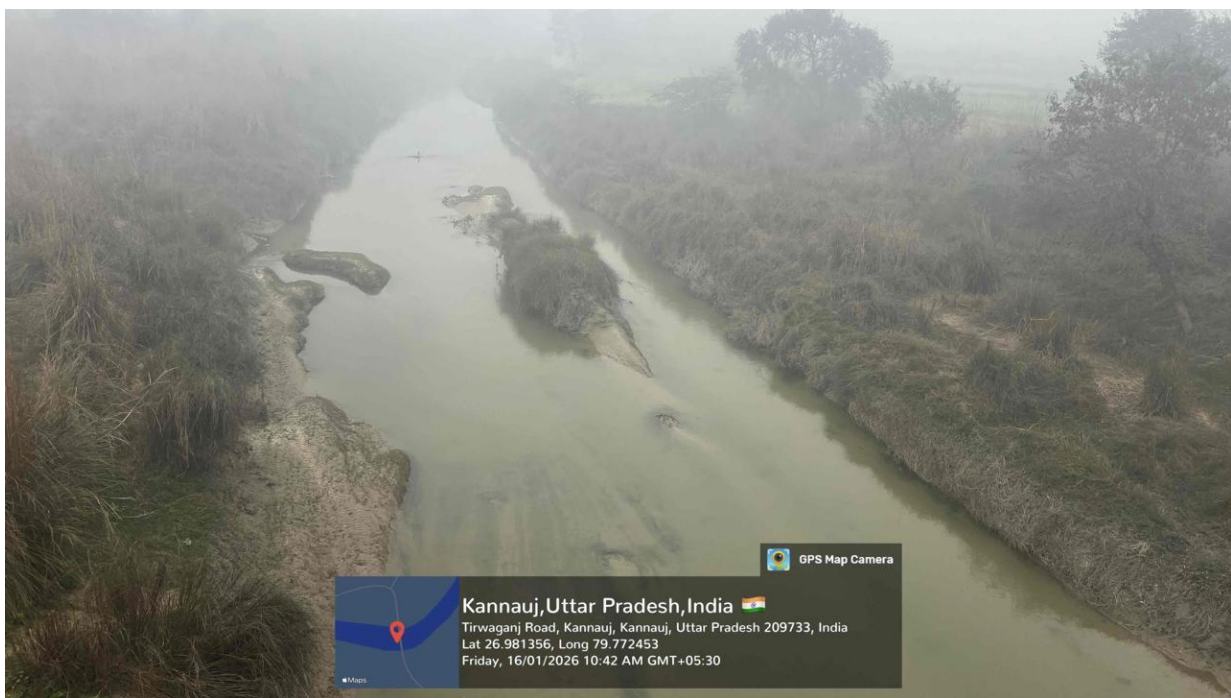


Figure 3: Ishan River: Siltation in River Channel



Figure 4: Ishan River: Siltation in River Channel